

Date: July 20, 2020

To: Gary T. Hartfield, Division Director
Small Business Development Division
Internal Services Department

From: *Alfredo E. Munoz*
Alfredo E. Munoz, P.E
Chief, Capital Improvements Division
Department of Transportation and Public Works

Subject: Notice of Construction Project:
Miscellaneous Construction Contracts: MCC 7360
Plan CICC 7360-0/08 - Request for Price
Quotation (RPQ) No.20190289-R
SW 42nd Avenue over Coral Gables Canal Bridge No. 874275 Beams Repairs

RECOMMENDATION

The subject project is a resubmittal of project 20190289, The scope of work remains unchanged but the damage of the bridge was extended to additional beams. The Department's Capital Improvements staff completed the review of the subject RPQ in accordance with the applicable provisions of Implementing Order 3-22 and recommends a no Small Business Enterprise - Construction (SBE-CONST) measure. A Community Workforce Program (CWP) goal, if applicable, is to be determined by Small Business Development.

Scope of Work:	Multiple Trade – Bridge
Engineer Project Base Cost Estimate	
Including Contingency:	\$251,808.98
SBE-CONST Measure:	Not Applicable
SBE-GS Measure:	Not Applicable
CWP:	As Applicable

SCOPE OF WORK

Work under this Contract includes furnishing of all supervision, labor, materials, tools, equipment and performing all operations required to construct the Work in accordance with the Contract Documents.

Work includes but is not limited to the following: Repair of deficient findings at the ends of beams 1-4, 1-5, 2-1, 2-6, 3-1 and 3-6 located at SW 42nd Avenue bridge (No. 874275) over Coral Gables Canal. Scope items include:

- Limited closure of bridge traffic on an "as-needed basis" during repairs as outlined on plan set.
- Installation of steel support brackets and anchor bolts at End bent 1 and Pier caps at Plan locations.
- Blast clean deteriorated portions of beams 1-4, 1-5, 2-1, 2-6, 3-1 and 3-6.
- Installation of Steel putty at beam repair locations and field welding new bearing plates on support brackets.
- Paint existing and new steel repair areas.

Should you require any additional information, please call me at (305) 375-4891, or Roxana Bayarre at (305) 375-3267.

Attachments (2)

AM/rb

cc: Laurie Johnson, ISD/SBD
Jhonnatan Escalante, ISD
Marcia Martin, ISD
Gabriel Delgado, P.E., DTPW
Project File

Roxana Bayarre, P.E., DTPW
Rene Idarraga, P.E., DTPW
Carlos Londono, DTPW

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
CONTRACT / PROJECT MEASURE ANALYSIS AND RECOMMENDATION

To: Gary T. Hartfield, Division Director
Small Business Development Division
Internal Services Department
From: *Alfredo E. Munoz*
Alfredo E. Munoz, P.E.
Chief, Capital Improvements Division
Department of Transportation and Public Works (DTPW)
Date: Monday, July 20, 2020

CONTRACT INFORMATION

Contract Type: MCC 7360 Plan: Multiple Trade – Bridge Repairs

Request for Price Quotation (RPQ) No: 20190289-R

RPQ Title: SW 42nd Avenue over Coral Gables Canal Bridge No. 874275 Beams Repairs

Re-submittal: Yes. It is a re-submittal of project 20190289. During the preliminary stages of the contract, it was discovered that the damaged was extended to additional beams. The County was unable to reach an agreement with existing contractor and decided that it was necessary to re-bid the project.

Prevailing Wages Rate Required: 23731-Highway Street and Bridge Construction

Estimated Base Project Cost Including Contingency: \$251,808.98

Funding Source: Road Impact Fee

Bonding Requirements: Bid Bond – 5% of Base Bid Amount
Performance Bond – 100% of Contract Amount

Method of Award: Line Item

RPQ No.: 20190289-R
RPQ Title: SW 42nd Avenue over Coral Gables Canal Bridge No. 874275 Beam Repairs

PROJECT INFORMATION

Scope of Work

Work under this Contract includes furnishing of all supervision, labor, materials, tools, equipment and performing all operations required to construct the Work in accordance with the Contract Documents.

Work includes but is not limited to the following: Repair of deficient findings at the ends of beams 1-4, 1-5, 2-1, 2-6, 3-1 and 3-6 located at SW 42nd Avenue bridge (No. 874275) over Coral Gables Canal. Scope items include:

- Limited closure of bridge traffic on an "as-needed basis" during repairs as outlined on plan set.
- Installation of steel support brackets and anchor bolts at End bent 1 and Pier caps at Plan locations.
- Blast clean deteriorated portions of beams 1-4, 1-5, 2-1, 2-6, 3-1 and 3-6.
- Installation of Steel putty at beam repair locations and field welding new bearing plates on support brackets.
- Paint existing and new steel repair areas.

Required Contractor's Certification:

At the time of Bid and pursuant to the requirements of Section 10-3 of the Code of Miami-Dade County, Florida and these Solicitation and Contract Documents, the Bidder must hold a valid, current, and active Certificate of Competency as a General Engineering Contractor or as a Specialty Engineering Contractor, commensurate to the requirements of the Project's Scope of Work, in one or more engineering crafts to include Structural Engineering. The Specialty Contractor shall subcontract with a qualified contractor any work which is incidental to the specialty but is specified in the aforementioned Code as being the work of other than that of the Engineering Specialty for which certified; or

Pursuant to Section 255.20, Florida Statutes (F.S.) and in lieu of the above, the County may consider a bid from a Bidder that is a duly licensed Contractor in good standing that has been pre-qualified and considered eligible by the Florida Department of Transportation (FDOT) under Section 337.14, F.S. and Chapter 14-2, Florida Administrative Code, to perform the work described in the Contract Documents. Contractors seeking consideration under this paragraph shall submit along with the Bid Documents for review and consideration, current copy(ies) of their FDOT Certificate(s) of Qualification, Certification of Work Underway, and Status of Contract(s) On Hand. Acceptable FDOT prequalification(s) necessary to perform the work specified in the Project's Scope of Work shall include the Minor, or Major bridge Work Class.

RECOMMENDATION

Areas for Possible Measures: None

Areas Recommended for SBE-construction Participation: None.

Contract Measure Recommendation:

- No Measure
- Set-Aside:
 - Level I Level II Level III
- Trade Set-Aside(s):
- Aggregate Set-Aside
- SBE-CONST Goal:
- SBE-GS Goal: Not applicable
- CWP: As Applicable.
- DBE Subcontractor Goal

Reason for Recommendation:

This is a multiple trade project; however, none of the primary trade related work can be subcontracted as per the Miscellaneous Construction Contract (MCC) specifications due to the scope of work. The beam repairs are very specialized work and requires a structural engineering firm.

Comments:

This is a multiple trade work that requires a structural specialized firm to make the repairs.

Similar Projects previously submitted for Project Review and Analysis Process:

None

SBE-CONST Goal / Project No. / Amount achieved: As determined by SBD